



**Shaanxi LonierHerb Bio-Technology Co., Ltd.**

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### Certificate of Analysis

#### Product Information

Product Name	L-Histidine		
CAS	71-00-1	Report Number	HIS20210141
Batch Number	HIS210129	Manufacture Date	2021/01/29
Batch Quantity	500KG	Expiry Date	2023/01/28

Test Items	Test Standard	Test Result
Appearance	White Crystals or Crystalline Powder	Conforms
Assay	98.5% ~ 101.5%	99.90%
Identification	Meets the requirements	Conforms
Specific Rotation	+12.6 ~+14.0	+12.5
PH	7.0 ~ 8.5	7.8
Chloride	<0.05%	Conforms
Sulfate(SO <sub>4</sub> )	<0.03%	Conforms
Iron(Fe)	<0.003%	Conforms
Heavy Metals	<0.0015%	Conforms
Arsenic(As)	<1ppm	Conforms
Loss on drying	<0.20%	0.09%
Residue on ignition	<0.40%	0.05%

#### Conclusion

Conclusion	To be complied with in-house Specification and USP39.
Shelf Life	2 years when properly stored.
Storage	Store in cool & dry place, not freeze. Keep away from strong light.

Tested by: *张丽娜*

Check: *李明* Approved:

